

Product Features

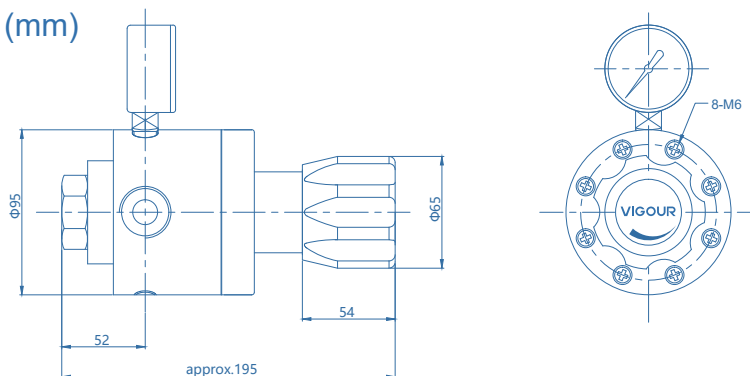
- Low pressure, High flow regulator
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for pharmaceutical, food, and beverage application
- 4 ports flexible configuration
- Stable outlet pressure
- Tested for use with oxygen

Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment



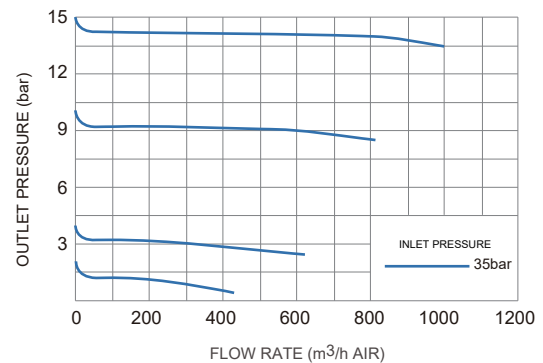
Dimensions (mm)



Technical Data

Type:	single-stage
Inlet pressure P1:	max. 35 bar
Outlet pressure P2:	2/3/4/8/10/20 bar
Materials	
Body regulator:	see ordering info
Valve seat:	EPDM (Buna-N option)
Diaphragm:	PTFE+Neoprene
Inlets and Outlets:	see ordering info
Temperature range:	-15°C to +74°C
Leak rate:	bubble-tight
Flow capacity:	Cv=5.1
Weight:	4.1kg

Flow Chart



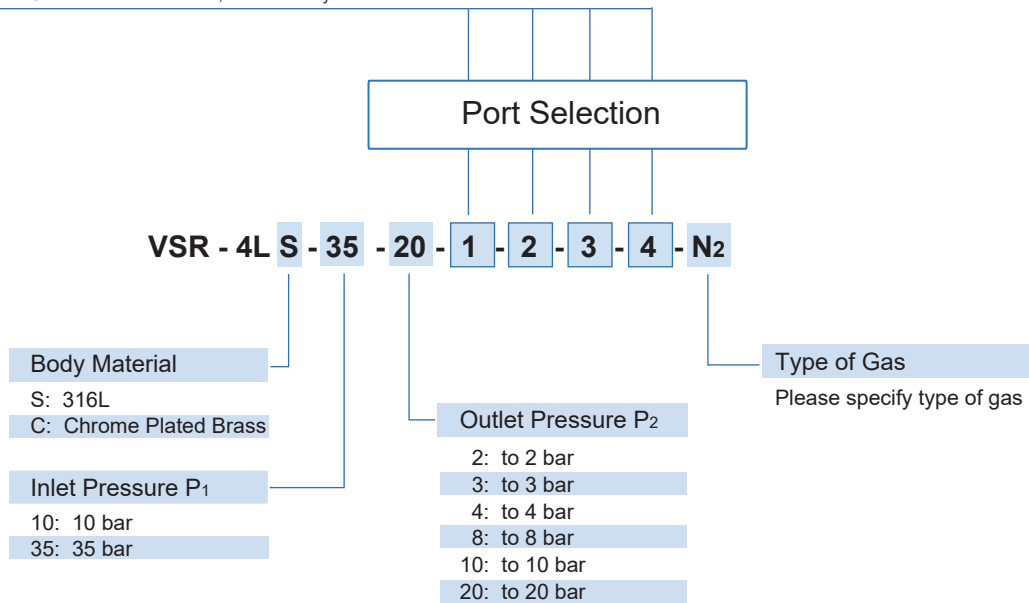
Ordering Information



Inlets / Outlets

F4: 1/4" NPT(F)	M12: 3/4" NPT(M)	12: 3/4" Tube fitting
F8: 1/2" NPT(F)	F16: 1" NPT(F)	16: 1" Tube fitting
M8: 1/2" NPT(M)	M16: 1" NPT(M)	P: Gauge (Psig/bar)
F12: 3/4" NPT(F)	TW20M: 20mm Weld tube	B: Plug

* Other connection standard, consult factory.



Ordering Example

Example: VSR - 4L S - 35 - 10 - F16 - P - F16 - B - O₂

1 - 2 - 3 - 4



* For mixed gases, please specify cylinder connection standard and thread when ordering.

